

ASSIGNMENT 4

Textbook Assignment: “Oral Pharmacology,” chapter 7, pages 7-1 through 7-7; and “Nutrition and Diet,” chapter 8, pages 8-1 through 8-3.

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| <p>4-1. Pharmacology is a basic medical science that deals with the study of which specialty?</p> <ol style="list-style-type: none">1. Drugs2. Diseases3. Compounds4. Pharmacy operations | <p>4-7. What dose refers to the amount of a drug that will produce symptoms of poisoning?</p> <ol style="list-style-type: none">1. Toxic2. Minimum toxic3. Minimum lethal4. Maximum lethal |
| <p>4-2. What chapter of <i>The Manual of the Medical Department</i> gives guidance on pharmacy operation and drug control?</p> <ol style="list-style-type: none">1. 62. 93. 154. 21 | <p>4-8. What two primary factors, if any, determine a dose?</p> <ol style="list-style-type: none">1. Sex and age2. Age and weight3. Weight and sex4. None |
| <p>4-3. The amount of a medication administered is referred to as which of the following units?</p> <ol style="list-style-type: none">1. Pill2. Dose3. Unit amount4. Average amount | <p>4-9. How are parenteral medications introduced?</p> <ol style="list-style-type: none">1. Orally2. Parents3. Topically4. Injection |
| <p>4-4. Which of the following units refers to the amount of medication given to a normal adult?</p> <ol style="list-style-type: none">1. Therapeutic amount2. Therapeutic unit only3. Therapeutic dose only4. Both 2 and 3 above | <p>4-10. What technique is the most effective means to achieve anesthesia of the mandibular teeth?</p> <ol style="list-style-type: none">1. Apex2. Nerve3. Block4. Ligament |
| <p>4-5. The minimum and maximum amount of a drug required to produce the desired effect is referred to by what term?</p> <ol style="list-style-type: none">1. Dosage factor2. Dosage range3. Dosage drug4. Dosage age | <p>4-11. What technique introduces a drug directly into a vein?</p> <ol style="list-style-type: none">1. Intravenous2. Infiltration3. Brachial ligament4. Periodontal ligament |
| <p>4-6. What dose refers to the least amount of a drug that can cause death?</p> <ol style="list-style-type: none">1. Toxic2. Minimum toxic3. Minimum lethal4. Maximum lethal | <p>4-12. What injection technique places the needle and anesthetic along the side of a tooth?</p> <ol style="list-style-type: none">1. Parallel2. Side by side3. Periapical ligament4. Periodontal ligament |

- 4-13. What technique is commonly used to anesthetize maxillary teeth?
1. Block
 2. Intravenous
 3. Infiltration
 4. Periodontal ligament
- 4-14. What term is used to define medication that is placed under the tongue?
1. Submandibular
 2. Sublingual
 3. Subcavity
 4. Suboral
- 4-15. In what form are medications introduced into the body through inhalation?
1. Gas
 2. Oral
 3. Topical
 4. All of the above
- 4-16. Drugs are classified into which of the following categories?
1. Chemical, biological, and therapeutic
 2. Therapeutic, scientific, chemical, and scheduled
 3. General, and therapeutic
 4. Chemical, general, and therapeutic
- 4-17. What type of prescription drugs have the potential for abuse?
1. Noncontrolled
 2. Controlled
 3. Schedule 6
 4. All of the above
- 4-18. Under which of the following schedule of substances must ethyl alcohol be received, accounted, and dispensed?
1. I
 2. II
 3. III
 4. VI
- 4-19. Normally, how many names do drugs have?
1. One
 2. Two
 3. Three
 4. Four
- 4-20. Which of the following emollients is used as a lubricant in rubber dam procedures?
1. Cocoa butter
 2. Petrolatum
 3. Oral jelly
 4. Dam jelly
- 4-21. Which of the following drugs will a patient with a heart murmur receive before and after a dental appointment?
1. Antibiotic
 2. Vasodilator
 3. Vasoconstrictor
 4. Anti-inflammatory
- 4-22. What antibiotic may produce discoloration of the teeth to children and pregnant women?
1. Cephalosporin
 2. Penicillin
 3. Tetracycline
 4. Erythromycin
- 4-23. Aspirin provides which of the following effects?
1. Analgesic
 2. Antipyretic
 3. Anti-inflammatory
 4. All of the above
- 4-24. Ibuprofen should not be given to patients in which of the following trimesters of pregnancy?
1. First
 2. Second
 3. Third
 4. All of the above
- 4-25. Codeine sulfate has which of the following analgesic powers of morphine?
1. One-sixth
 2. Two-sixth
 3. Three-fourth
 4. Three-sixth
- 4-26. Which of the following drugs is used in some dental anesthetics?
1. Anticoagulants
 2. Vasoconstrictors
 3. Anticonstrictors
 4. Meperidine hydrochloride

- 4-27. What percent of nitrous oxide to oxygen mixture is used in inhalation sedation?
1. 10/60
 2. 20/60
 3. 40/60
 4. 60/40
- 4-28. What are the two categories of chemically classified local anesthetic solutions?
1. Amides and topical
 2. Topical and esters
 3. Ammos and esters
 4. Amides and esters
- 4-29. What maximum amount of minutes will 2% lidocaine hydrochloride provide complete anesthetic for an area of the mouth being treated?
1. 120
 2. 90
 3. 45
 4. 15
- 4-30. After application, what is the minimum and maximum amount of minutes recommended for topical anesthetic to reach its full effectiveness?
1. One to two
 2. One to three
 3. One to five
 4. Five to ten
- 4-31. The use of topical spray and liquid anesthetics is--useful for patients with which of the following conditions?
1. Cardiac
 2. Stuttering
 3. Drug allergies
 4. Gag reflex
- 4-32. What type of drug reduces a patient's salivary flow?
1. Antisialagogues
 2. Antianesthetics
 3. Antivasodilators
 4. Antivasoconstrictors
- 4-33. What DD form is used to prescribe controlled and noncontrolled drugs?
1. 6710
 2. 1289
 3. 1210
 4. 1209
- 4-34. When using special labels on drugs and medications, what color should the information on the caution warning be?
1. Black and white
 2. Black and red
 3. Yellow
 4. Red
- 4-35. Part of maintaining a healthy lifestyle starts with which of the following choices?
1. Eating salads only
 2. Eating "fat free" foods only
 3. Balanced diet and exercising
 4. Reading nutrition and fitness magazines
- 4-36. Which of the following statements best defines an essential nutrient?
1. 10% of U.S. Recommended Dietary Allowance
 2. Used to build strong bones and teeth
 3. Must be provided by vitamins because the body cannot synthesize it
 4. Must be provided by food because the body cannot synthesize it

- A. Carbohydrates
- B. Proteins
- C. Fats
- D. Vitamins
- E. Minerals
- F. Water

Figure 4-A.—Six classes of nutrients.

IN ANSWERING QUESTIONS 4-37 THROUGH 4-42, SELECT FROM FIGURE 4-A THE NUTRIENT THAT BEST DESCRIBES THE INFORMATION GIVEN IN THE QUESTION. USE EACH ANSWER ONLY ONCE.

4-37. Needed by the body in very small amounts.

- 1. A
- 2. B
- 3. C
- 4. D

4-38. Starch and sugar supply the body with energy.

- 1. A
- 2. c
- 3. D
- 4. E

4-39. Help carry fat soluble vitamins.

- 1. A
- 2. c
- 3. E
- 4. F

4-40. The “forgotten nutrient.”

- 1. B
- 2. c
- 3. E
- 4. F

4-41. The building blocks of the body.

- 1. A
- 2. B
- 3. D
- 4. E

4-42. Used to build strong bones and teeth.

- 1. B
- 2. D
- 3. E
- 4. F

4-43. Which of the following nutrients provides 4 calories per gram?

- 1. Fat
- 2. Protein
- 3. Carbohydrate
- 4. Both 2 and 3 above

4-44. Simple carbohydrates are found in which of the following foods?

- 1. Corn
- 2. Honey
- 3. Breads
- 4. Cereals

4-45. Approximately how many amino acids are there in protein?

- 1. 20
- 2. 22
- 3. 29
- 4. 27

4-46. What substance contains all 9 of the essential amino acids?

- 1. Animal foods
- 2. Calorie
- 3. Plants
- 4. Water

4-47. Which of the following foods contain complete proteins?

- 1. Eggs
- 2. Rice
- 3. Beans
- 4. Grains

4-48. An adult over the age of 30 should have which of the following serum cholesterol levels?

- 1. Over 200 mg/dL
- 2. Under 200 mg/dL
- 3. Under 230 mg/dL
- 4. Under 300 mg/dL

4-49. How many calories are there in a gram of fat?

1. Eleven
2. Seven
3. Nine
4. Four

4-50. How many categories of vitamins are there?

1. 13
2. 2
3. 6
4. 11

A. Vitamin A
B. Vitamin B-12
C. Vitamin C
D. Vitamin D
E. Vitamin E
F. Vitamin K

Figure 4-B.—Vitamins.

IN ANSWERING QUESTIONS 4-51 THROUGH 4-57, SELECT FROM FIGURE 4-B, THE VITAMIN THAT BEST DESCRIBES THE INFORMATION GIVEN IN THE QUESTION. YOU MAY USE SOME ANSWERS MORE THAN ONCE.

4-51. Protects vitamin A.

1. c
2. D
3. E
4. F

4-52. Involved in the formation of mucous membranes.

1. A
2. B
3. C
4. F

4-53. Water soluble.

1. A
2. C
3. D
4. E

4-54. Promotes clotting of the blood.

1. B
2. D
3. E
4. F

4-55. Helps us to see in dim light.

1. A
2. B
3. D
4. F

4-56. Promotes calcium and phosphorous absorption.

1. B
2. D
3. E
4. F

4-57. For the most part, this vitamin is not stored.

1. B
2. D
3. E
4. F

4-58. Which nutrient makes up the major portion of bones and teeth making them rigid in their composition?

1. Carbohydrates
2. Water
3. Minerals
4. Proteins

4-59. Which of the following diets is recommended for good health?

1. Low in complex carbohydrates and high in protein and fat
2. High in complex carbohydrates and high in protein and fat
3. High in complex carbohydrates and low in protein and fat
4. Two combined servings of fruits and vegetables

4-60. What term describes foods that contain carbohydrates?

1. Cavity-genic
2. Cardiogenic
3. Carbogenic
4. Cariogenic

4-61. How many combined servings of fruits and vegetables should be eaten each day?

1. Six
2. Five
3. Three
4. Four

4-62. Ideally, caries may be avoided by performing which of the following measures?

1. Going to a dentist twice a year
2. Brushing and rinsing right after eating
3. Brushing and flossing right after eating
4. Not eating any snack foods